

TOP SECRET

18 JUL 68 21 207

TOP SECRET 082057Z JUL 68 CITE [REDACTED] 4157

INFO [REDACTED]

25X1
OUT655025X1
25X1
25X1

REF: [REDACTED]

1. AN EXPERIMENTAL DUAL GAMMA VISCOUS CHEMISTRY WAS USED TO PROCESS APPROXIMATELY 700 FEET OF ORIGINAL FILM FROM [REDACTED] 25X1
AN ATTEMPT WAS MADE TO EVALUATE THE DIFFERENCES IN IMAGE QUALITY BETWEEN THIS MATERIAL AND THAT PROCESSED IN NORMAL VISCOUS CHEMISTRY.

2. NUMEROUS TARGETS WERE SELECTED FROM BOTH PROCESSING TECHNIQUES FOR COMPARISON. ACQUISITION PARAMETERS SUCH AS SOLAR ELEVATION, ROLL ANGLE AND ALTITUDE WERE SIMILAR BUT NOT IDENTICAL.

3. AN EVALUATION OF THIS IMAGERY IN TERMS OF IMAGE QUALITY DIFFERENCES DUE TO PROCESSING COULD NOT BE ACCOMPLISHED. ALTHOUGH SUBTLE QUALITY DIFFERENCES WERE NOTED IN THE MATERIALS COMPARED, THE CAUSE OF THESE DIFFERENCES CANNOT BE ATTRIBUTED TO PROCESSING ALONE. OTHER ACQUISITION VARIABLES WHICH COULD INFLUENCE IMAGE QUALITY, SUCH AS INDIVIDUAL FRAME PARAMETERS AND ATMOSPHERICS, CANNOT BE SEPARATED FROM DIFFERENCES DUE TO PROCESSING.

4. OF PERIPHERAL INTEREST, A DETAILED ANALYSIS OF THE DUAL GAMMA/VISCOUS CHEMISTRY VERSUS THE CONVENTIONAL SPRAY PROCESSING CHEMISTRY WAS ACCOMPLISHED ON MISSION 1044 AND APPEARS AS A SPECIAL STUDY IN THIS FACILITY'S PHOTOGRAPHIC EVALUATION REPORT FOR THAT MISSION.

TOP SECRET

END OF MESSAGE

TOP SECRET

DISTRIBUTION		
CY	OFFICE	PI
1	FILE	
✓	CABLE SEC.	
	PP&B/RD	
	SECUR.	
3,4	TSSG /AD	✓
	PSG/OC	
	FRD	
	REPRO	
	AID	
	IEG	
	FROD	
	SCIEN	
	WEST	
	EAST	
	M&S	
	PGM	
	IAS	
	DIA-XX4	
	SPAD	
	DIA-AP	
	[REDACTED]	
	CMC	

25X1

ADVANCE CY
SANITIZED
WITH TEXT

Declassification Review by NGA

